



# LARC



Volume 58, Number 08

ACADIANA AMATEUR RADIO ASSOC., INC. - a 501(c)3 Corporation

August 2018

## AARA General Meeting ~ July 5, 2018

The meeting began at 7:10 PM with 25 in attendance at the Lafayette Science Museum.

**GENERAL** Club President Chris Ancelet N5MCY opened and conducted the meeting. Club Treasurer Tom Dischler W5OHJ led the group in the opening prayer. Chris led the group in reciting the Pledge of Allegiance after which Sandy Leblanc KE5KJF recited the pledge in Cajun French.

Chris recognized those in attendance that passed a certification test during tonight's VE session. Galen Wilson KF5BET reported that the club's latest Technician Level class was recently completed. There were 13 class attendees 12 of which passed a Technician or higher certification. Chris also recognized and welcomed those in attendance that are visitors or new club members.

Chris reminded the group that minutes of last month's General Meeting were published in the LARC. A motion to accept the General Meeting minutes was made by Danny Daigle KD5JSM and seconded by Al Pringle KE5UPM.

Tom presented his Treasurer's Report to the group. A motion to accept his report was made by Cain Richard KG5PUL, seconded by Joseph Meaux K2JDM and passed by the membership.

Club Secretary David McCutcheon KG5JHR gave the membership an update on his efforts to transition the club's website to one powered by a more modern hosting program. Current website administrator Roland Guidry NA5Q wishes to relinquish his website maintenance responsibilities in the immediate future. Anyone with website administration experience is invited to assume or assist David with those duties.

David also updated the membership regarding his efforts to update the club's equipment inventory so that the appropriate equipment can be identified and insured against loss or damage.

**Tour de Teche** Sandy Leblanc KE5KJF reported that the 2018 Tour de Teche canoe race will be held October 5<sup>th</sup> – 7<sup>th</sup>. Volunteers are needed to man the New Iberia check point on Saturday morning. Anyone wishing to assist with this event should contact Sandy. Anyone wishing to operate their own HF Special Event in conjunction with the race is encouraged to do so.

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## AARA GENERAL MEETING

August 2, 2018 @ 7:00 PM

Lafayette Science Museum 433 Jefferson St. Lafayette, LA

[www.w5ddl.org/clubsite/](http://www.w5ddl.org/clubsite/)

**VE Testing @ 6:00 PM**

The LARC is published monthly  
By the

Acadiana Amateur Radio Assoc., Inc.

P. O. Box 51174

Lafayette, LA 70505-1174

**DATES TO REMEMBER****GENERAL MEETING**

August 2, 2018 @ 7:00 PM  
Lafayette Science Museum  
433 Jefferson Street  
Lafayette, LA

<http://www.w5ddl.org/clubsite/>

**Local 2-Meter Nets**

Monday

AARA Monday Night Net 7:00 PM  
146.820 PL 103.5 Lafayette, LA

Tuesday

Region 4 SkyWarn/ARES Net 7:00 PM

145.370 - PL 103.5 Lafayette, LA

Wednesday

Silent Key Memorial Net 6:30 PM

145.410 No PL New Iberia, LA

Thursday

Youth Net 7:00 PM

146.820 - PL 103.5 Lafayette, LA  
EchoLink Node: 370324

**AARA OFFICERS 2018 - 2019**

President – Chris Ancelet KG5MCY  
cancelet@gmail.com

V. Pres. - Larry LeBlanc KE5KJD

Secr – David McCutchen KG5JHR

Treasurer - Tom Dischler W5OHJ

**BOARD MEMBERS**

Glen Thibodeaux KF5FNP

Steve Webre AF5VR

Paula Romero KF5CNS

**YOUTH MEMBER**

Page Romero KG5VPR

**QSL MANAGER**

Roland Guidry - NA5Q

**PUBLIC INFORMATION OFFICER**  
Herman Campbell - KN5GRK  
337-234-5364 kn5grk@lusfiber.net

**AARA REPEATER GROUP**  
Charlie Morrison N5WE - Trustee  
Derek Meche WM5TS  
Dave Redfern N4ELM  
Glen Thibodeaux KF5FNP

**LCARC DELEGATES**  
Fred Marshall W5MLE  
Glen Thibodeaux KF5FNP

**NEWSLETTER EDITOR**  
Joseph “Moe” Meaux – K2JDM  
jdmeaux2002@gmail.com

**LOUISIANA TRAFFIC NET EXTENDS NETS**

ARRL Louisiana Section Manager, Jim Lewis AB5YS, has made a suggestion that the Louisiana Traffic Net that meets on 3910 KHz on Monday, Wednesday and Fridays at 1800 hours Central time, extend the net to include Sunday evenings during the months of August and September due to these months to be the greatest risks for Louisiana during hurricane seasons. The idea was hashed around by LTN members and a vote taken and all agreed it was a good idea.

Jim polled the net members and volunteers were selected to be Net Control Operators for these extra nets, If this idea takes off, we may carry it on during other months during the year.

Anyone licensed for this frequency is welcome to check into the net. At times, we may pass NTS Radiogram traffic and do some message handling training.

**National Traffic System****FCC Proposes \$18,000 Fine in Louisiana Amateur Radio Interference Case**

07/25/2018

The FCC has issued a Notice of Apparent Liability (NAL) proposing to fine Jerry W. Materne, KC5CSG, of Lake Charles, Louisiana, \$18,000 “for apparently causing intentional interference and for apparently failing to provide station identification on amateur radio frequencies,” the FCC said.

“Mr. Materne was previously warned regarding this behavior in writing by the Enforcement Bureau and, given his history as a repeat offender, these apparent violations warrant a significant penalty,” the FCC said in the NAL, released on July 25.

For the full story, go to [FCC Proposes Fine](#)

## July 2018 VE TEST SESSION



### Test Session Results 5 July 2018

Another good evening of testing, light but good as we had one testing successfully for Technician license. The tested was Lawrence F. LeMarie ~ KI5AVC of Lafayette.

The VES in attendance were: Greg ~ K5LFT, Galen ~ KF5BET, Synomen ~ KG5IRS, Bretton ~ KG5IQU, Dave ~ W4ELM, and Archie ~ W5AG.

Congratulations to Lawrence & many thanks to the VES for their assistance.

73 de, GREG ~ K5LFT



**The Greater New Orleans Ham Fest**  
Greatest Free Show on Earth

**Saturday, November 10, 2018**  
**Harahan Lions Club Building**  
**1001 Hickory Ave.**  
**Harahan, LA 70123**

**FREE Tables • FREE Admission • FREE Parking • FREE Tailgating**

**VE Exam Session Starts at 8:30 am**  
Don't miss the ARRL, ARES and DMR Forums  
We will raffle over 15 radios including Boefeng, Icom, Kenwood, Wouxun, Yaesu, plus many other prizes.  
Several Dealers Attending

**Talk in - 146.82 Repeater - PL Tone 114.8 Hertz**  
**RESERVE your tables now!**  
Contact Joe @ 504 288-7084 or email  
Joen5ozg@hotmail.com or Eric af5jg@outlook.com  
<https://www.facebook.com/groups/2044282109131257/>

**Shreveport-Bossier Hamfest**

LOCATION: LOUISIANA STATE FAIR AGRICULTURE BUILDING  
3206 PERSHING AVENUE - SHREVEPORT, LA 71109

WHEN: AUGUST 10 & 11, 2018 | 8:00AM - 3:00PM

ADMISSION: ADULTS • \$5.00 | CHILDREN 12 AND UNDER • FREE

CONTACT: BOB DAVIS N5ZVW • 318-230-1242

EMAIL: HAMFEST@K5SAR.COM

**Special Presentation By:**  
**Brian Lloyd** WB6RQN  
PILOT ADVENTURER,  
"DISASTER ANGELS"

**SPONSORED BY**  
SARA

**FISH FRY FRIDAY NIGHT!**

<http://shreveporthamfest.k5sar.com/>

The International Lighthouse / Lightship Weekend will be on the weekend of August 18th & 19th, 2018 from 00.01UTC 18 August to 2400UTC 19 August 2018 (48 hours).

The Morgan City ARC BEARS (Bayou Emergency Amateur Radio Service) will be operating from the Southwest Reef Lighthouse (USØ176) Park using the call W5BMC. We will operate 40 & 20 m and EchoLink W5BMC-R. Hours will be Saturday 1700Z to 2200Z and 1700Z to 1900Z Sunday but not set in stone.

For some reason or other August seems to have become the international weekend for lighthouses. Countries all over the world have become involved in one form or another of lighthouse activity. Some years ago, the United States Congress declared August 7th as their National Lighthouse Day and during that first week in August amateur radio operators in America set up portable stations at lighthouses and endeavor to contact each other. This event is known as the US National Lighthouse / Lightship Week. The Southwest Reef Lighthouse has been given the designation number USØ176.

More information can be found at: <https://illw.net/>

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**Presentations** Larry Leblanc KE5KJD gave an update on a previous presentation he made regarding the use of vinyl covered fencing as a ground plane for a vertical antenna. He also gave a presentation on how trees affect the performance of antennas located close to them.

Chris Ancelet gave a video presentation on how to send e-mail by radio using the worldwide Winlink system.

**Field Day** Chris Ancelet gave a review of this year's Field Day event held at the farm of Steve Webre AF5VR in Church Point. The club operated on the 80, 40, 20 & 15 meter bands and logged ~1365 contacts. Steve's farm provided a large, low noise environment that allowed the 40 meter beam to operate without adversely affecting operation on the 20 meter beam.

**Mentorship Program** Chris encouraged anyone wishing to assist in the clubs mentorship program to submit their name, email address and subject matter they wish to support so that the information can be published in the LARC. A sign-up sheet will be located in the back of the room after the meeting.

**Miscellaneous** Danny Daigle KD5JSM initiated a discussion about training on how to pass messages using the ARRL Radiogram. Several individuals indicated that although their utilization levels have diminished, various traffic nets still exist for the purpose of handling messages. Danny suggested the club consider conducting a class on the proper way to handle such messages.

Herman Campbell KN5GRK inquired about the dates and location for next year's hamfest. Brandon Stelly KG5LQM indicated the location for next year's event is being reviewed and specific dates for the event have not been determined.

**Adjournment** A motion to adjourn the meeting was made by Joseph Meaux K2JDM and seconded by Danny Daigle KD5JSM. The motion passed and Chris adjourned the meeting at ~8:45 PM.

Prepared by David McCutcheon

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## ***What Do I Do Now?***

In my quest to truly get into Ham Radio, I have been searching websites to increase my knowledge, watching YouTube videos on technique and construction, and reading various blogs. And constructing some neat items, like an usb audio interface and an SDR receiver. All this to learn more about a hobby I enjoy.

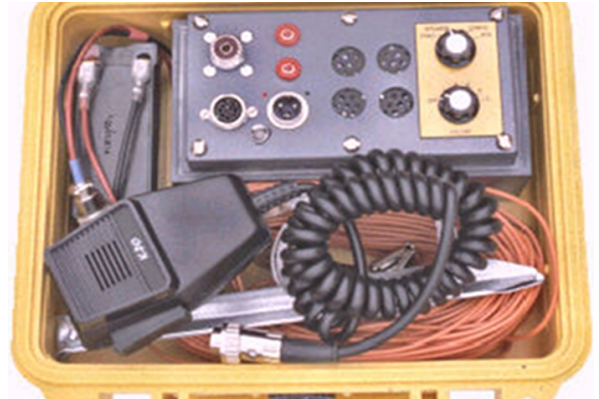
But mostly I am gearing up for mobile operation. In the event of a natural disaster (hurricane) or mad-made (war), mobile operation could be the only way to communicate with others. Once cell phones and the Internet are down, chaos will come to visit.

One YouTube channel I visit is for OH8STN. His philosophy is to be prepared for an emergency. Julian just finished up a RaDAR Challenge this past month. And I can get the whole idea. Be prepared!

[Julian OH8STN YoouTube channel on Emergency Preparedness](#)



- **Ham-designed Gear Used in Thailand Cave Rescue**
- By Al Williams



Unless you live in a cave, you've probably heard a little about the thirteen people — mostly children — trapped in the *Tham Luang Nang Non* cave in Thailand. What you may have missed, though, is the hacker/ham radio connection. The British Cave Rescue Council (BCRC) was asked for their expert help. [Rick Stanton], [John Volanthen] and [Rob Harper] answered the call. They were equipped with [HeyPhones](#). The HeyPhone is a 17-year-old design from [John Hey, G3TDZ]. Sadly, [G3TDZ] is now a silent key (ham radio parlance for deceased) so he didn't get to see his design play a role in this high-profile rescue, although it has apparently been a part of many others in the past.

The HeyPhone is actually considered obsolete but is still in service with some teams. The radio uses USB (upper sideband, not universal serial bus) at 87 kHz. The low frequency can penetrate deep into the ground using either induction loop antennas like the older Molephone, or — more commonly — with electrodes injecting RF energy directly into the ground.

You can find a very detailed [article about the phones](#), from 2001 if you want more details. The system is somewhat dated, but apparently works well and that's what counts.

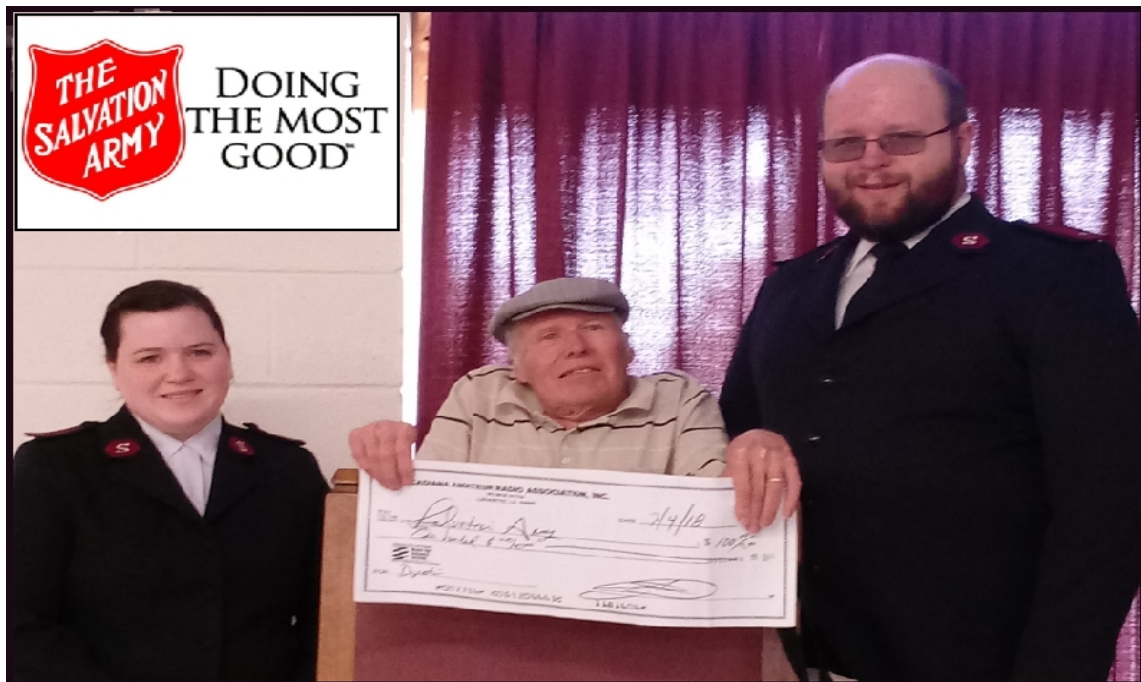
What we find interesting is that in today's world, people take wireless communications for granted and don't realize that cell phones don't work underground or in the face of widespread disasters. We would imagine most Hackaday readers know how cell phone towers use "cellular reuse" to support more than a handful of phones. Ask some non-technical friend if they know how a cell phone works and you'll be surprised how few people understand this. Ham radio operators and hackers are vital to building and deploying specialized radio systems in times of disaster or — in this case — where people need rescuing from an odd environment.

We were glad to see a nod to some hacker gear in the popular press. But we almost wish there had been more reporting on the volunteer divers and their hacked radio gear.

We've talked about [VLF radios](#), before, but not for caving. Of course, in the old days, all radios were VLF and it might have even had some [unintended consequences](#).

[Original article.](#)

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Lt. Samantha McGee

Herman Campbell KN5GRK

Lt. John McGee

On behalf of the Acadiana Amateur Radio Association, Inc., Herman Campbell KN5GRK AARA member and SATERN (Salvation Army Team Emergency Radio Network) liaison presents a check to Lt. John and Lt. Samantha McGee officers of the Lafayette Salvation Army. This donation is to help those in need.

Each year the AARA makes a donation to charitable organizations to help those in need. On average, The **Salvation Army** Emergency Services attend an emergency at least once every day of the year. It responds to people in times of emergency and disaster, **providing** assistance such as: refreshments meals, clothing, financial aid, accommodation, emergency shelters, counseling and responsible referral.

Herman Campbell KN5GRK  
SATERN Liaison  
K5LSA (Lafayette Salvation Army)



## July 2018 AREA 2 METER NET REPORTS

NET	SESSIONS:	TOTAL CHECK-INS:	TOTAL TRAFFIC:	TOTAL TIME: Minutes	Net Manager
AARA Monday Night Net	5	60	140		KD5JSM Danny
Region 4 SkyWarn/ARES Net	5	46	112		KF5FNP Glen
Silent Key Memorial Net	4	26	71		KD5JSM Danny
Youth Thursday Night Net	4	34	103		KF5BEW Abbi KF5FYS Kendra

Every age can be enchanting, provided you live within it.  
 ~~~ Brigitte Bardot

### AARA Monday Night 2 Meter Net Rotation

Beginning January 1, 2018, the net will not rotate between repeaters but the Net Controllers will rotate each week and held on the 146.820 W5DDL repeater only.

In case of a repeater failure, the alternate receiver will be the W5EXI repeater.

The August 2018 schedule can be downloaded and printed in Adobe

Acrobat .PDF from the club website.

<http://www.w5ddl.org/clubsite/news/htm>

| DATE:      | TIME:   | REPEATER:     | PL TONE: | NCS          |
|------------|---------|---------------|----------|--------------|
| 08/06/2018 | 7:00 PM | 146.820 W5DDL | 103.5    | Danny KD5JSM |
| 08/13/2018 | 7:00 PM | 146.820 W5DDL | 103.5    | Paul N5KNY   |
| 08/20/2018 | 7:00 PM | 146.820 W5DDL | 103.5    | Eric KG5JHP  |
| 08/27/2018 | 7:00 PM | 146.820 W5DDL | 103.5    | Chris N5MCY  |



#### UPCOMING BIRTHDAYS

|       |        |          |
|-------|--------|----------|
| 08/06 | W9HUT  | Alton    |
| 08/07 | KF5PCH | Jackie   |
| 08/08 | KF5FNP | Glen     |
| 08/23 | KF5CNS | Paula    |
| 08/24 | N5YOP  | Esther   |
| 08/24 | KC5IJI | Karen    |
| 08/31 | N5LMM  | Roderick |
| 09/12 | KG5KZI | Jerry    |

### REGION 4 ARES / SKYWARN NET

Each Tuesday night at 7:00 PM (local), the Region 4 ARES / SkyWarn Net will take place on the 145.370 SkyWarn repeater in Lafayette. Net Control Operators will alternate each week. You do not have to be a ARES member to participate. In case the 145.370 repeater fails, the net will be held on the 146.820 W5DDL repeater PL Tone 103.5.

The July schedule can be found at this link:

<http://www.w5ddl.org/clubsite/news/htm>

When using the SkyWarn 145.370 repeater, be sure to use the receiver PL Tone for your area as follows:

NW Quadrant 114.8 - NE Quadrant 127.3 - SW Quadrant 141.3 - SE Quadrant 94.8 - Central 103.5.

Some members failed to put their birthdays on their applications for renewal / membership causing some names to be missing from the list.

Acadiana Amateur Radio Assoc., Inc.  
P. O. Box 51174  
Lafayette, LA 70505-1174  
Website: <http://www.w5ddl.org>



Share the Fun ~  
Bring a Friend  
to be a HAM.

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### UPCOMING EVENTS

|                         |             |                   |
|-------------------------|-------------|-------------------|
| Tour de Teche           | October 5-7 | various locations |
| Rice Festival – Crowley | October     | possible event    |
| Cajun Cup               | November 10 | morning hours     |
| Veterans Day            | November 10 |                   |

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### *Mint Julip*

As Glenn Frey once said, The Heat Is On. August weather has come to visit again. And it's HOT! Fix up something to cool you down, Southern-style!

2-1/2 Ounces of good Straight Bourbon (I like Jim Beam)  
1-1/2 Teaspoons of Sugar  
8 Fresh Mint Leaves  
1 Teaspoon of Water  
Shaved Ice.  
Water to fill

In a wide-mouth (Mint Julep), glass put the sugar, mint leaves, and one teaspoon of water. Muddle or crush the mint leaves thoroughly against the sugar. Add in the shaved ice and then the Bourbon. Add water to fill and stir.

Note: Water may be carbonated.

### *FCC Information Service*

Toll Free (WATS) for Amateur Radio license inquiries about new/ vanity call signs: 1-888-225-5322 This will connect you the FCC National Call Center, handled by the FCC's Consumer Information Bureau. Amateurs having ULS problems or questions should contact the FCC's ULS Technical Support staff at: 202-414-1250 or:

[ulscomm@fcc.gov](mailto:ulscomm@fcc.gov).

FCC Website:

<http://wireless.fcc.gov/uls/>

New call sign information can also be obtained from the ARRL/ VEC at 860-594-3000.

<http://www.arrl.org/arrlyec>

The mailing address to the FCC is:  
Federal Communications Commission,  
445 12th Street SW  
Washington, DC 20554